

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02822A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/45

10/518556 i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JAN HOOGERBRUGGE: "Code Generation for Transport Triggered Architectures" 5 February 1996 (1996-02-05), TECHNISCHE UNIVERSITEIT DELFT, XP002303070 ISBN: 90-9009002-9 page 4 - page 5; figure 1.2 page 26 - page 28; figures 2.8,2.9 page 38 - page 40 page 46 - page 50; figure 3.3 -----	1-27
X	WO 01/59593 A (XILINX INC) 16 August 2001 (2001-08-16) abstract -----	1,27
X	US 5 507 030 A (SITES RICHARD L) 9 April 1996 (1996-04-09) abstract -----	1,27
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

28 October 2004

Date of mailing of the International search report

23/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CORPORAAL H: "Design of transport triggered architectures" VLSI, 1994. DESIGN AUTOMATION OF HIGH PERFORMANCE VLSI SYSTEMS. GLSV '94, PROCEEDINGS., FOURTH GREAT LAKES SYMPOSIUM ON NOTRE DAME, IN, USA 4-5 MARCH 1994, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 4 March 1994 (1994-03-04), pages 130-135, XP010098673 ISBN: 0-8186-5610-7 the whole document</p> <p>-----</p>	1-27
A	<p>CORPORAAL H: "TTAs: Missing the ILP complexity wall" JOURNAL OF SYSTEMS ARCHITECTURE, ELSEVIER SCIENCE PUBLISHERS BV., AMSTERDAM, NL, vol. 45, no. 12-13, June 1999 (1999-06), pages 949-973, XP004169209 ISSN: 1383-7621 the whole document</p> <p>-----</p>	1-27
A	<p>JANSSEN J ET AL: "PARTITIONED REGISTER FILE FOR TTAS" PROCEEDINGS OF THE 28TH. ANNUAL INTERNATIONAL SYMPOSIUM ON MICROARCHITECTURE. ANN ARBOR, NOV. 29 - DEC. 1, 1995, PROCEEDINGS OF THE ANNUAL INTERNATIONAL SYMPOSIUM ON MICROARCHITECTURE, LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, vol. SYMP. 28, 29 November 1995 (1995-11-29), pages 303-312, XP000585374 ISBN: 0-8186-7349-4 the whole document</p> <p>-----</p>	1-27
A	<p>HOOGERBRUGGE J ET AL: "COMPARING SOFTWARE PIPELINING FOR AN OPERATION-TRIGGERED AND A TRANSPORT-TRIGGERED ARCHITECTURE" COMPILER CONSTRUCTION. INTERNATIONAL CONFERENCE, XX, XX, 5 October 1992 (1992-10-05), pages 219-228, XP000671931 the whole document</p> <p>-----</p>	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No

GB 03/02822

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0159593	A 16-08-2001	US WO	6625797 B1 0159593 A2	23-09-2003 16-08-2001
US 5507030	A 09-04-1996	AU AU CA DE DE EP IE JP WO US US	656964 B2 1667692 A 2081978 A1 69230122 D1 69230122 T2 0528028 A1 920749 A1 7122854 B 9215937 A1 5649203 A 5652889 A	23-02-1995 06-10-1992 08-09-1992 18-11-1999 15-06-2000 24-02-1993 09-09-1992 25-12-1995 17-09-1992 15-07-1997 29-07-1997